WHAT IS CLAIMED IS:

1. A cathode ray tube comprising:

a panel on which a phosphor screen is formed;

a cylindrical neck in which an electron gun assembly for generating electron beams is arranged;

a funnel formed between the panel and the neck, and having a rectangular cone portion formed contiguous to the neck;

an anode button provided on the funnel to supply a voltage in the funnel; and

an inner graphite layer disposed on an inner surface of the funnel to form a path for transmission of the voltage,

wherein the inner graphite layer satisfies the following condition:

$$0.9 \leq Td / Th \leq 1.36$$

where Td is a thickness of the inner graphite layer on inside corners of the cone portion, and Th is a thickness of the inner graphite layer disposed on inside horizontal walls of the cone portion.

2. A cathode ray tube comprising:

a panel on which a phosphor screen is formed;

a cylindrical neck in which an electron gun assembly for generating electron beams is arranged;

a funnel formed between the panel and the neck, and having a

rectangular cone portion formed contiguous to the neck;

an anode button provided on the funnel to supply a voltage in the funnel; and

an inner graphite layer disposed on an inner surface of the funnel to form a path for transmission of the voltage,

wherein the inner graphite layer satisfies the following condition:

$$0.9 \leq Td / Tv \leq 1.36$$

where Td is a thickness of the inner graphite layer on inside corners of the cone portion, and Tv is a thickness of the inner graphite layer disposed on inside vertical walls of the cone portion.